## **EUROPEAN PATENT OFFICE**

## **Patent Abstracts of Japan**

**PUBLICATION NUMBER** 

02257193

**PUBLICATION DATE** 

17-10-90

APPLICATION DATE

30-03-89

APPLICATION NUMBER

01079012

APPLICANT: SEIKO EPSON CORP;

INVENTOR :

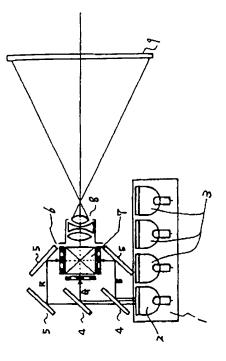
SHINOZAKI JUNICHIRO;

INT.CL.

G09F 9/00 G03B 21/14 G09F 9/00

TITLE

PROJECTION TYPE DISPLAY DEVICE



ABSTRACT: PURPOSE: To eliminate the need the replacing a light source from a user by providing two or more light source units including a collimating means, moving the light source units and instantaneously using another light source unit.

> CONSTITUTION: Two or more light source units 2 and 3 including the collimating means are provided and so shifted as to instantaneously use another light source unit 3. When the light source unit 2 during using is in fault, the light source unit group 1 slides leftward to use the spare light source unit 3. By interlocking with the switching of the light source to be used, an electric source line supplying power is also switched. The function of automatically moving the light source unit is added and therefore the need for a user to replace the light source is eliminated.

COPYRIGHT: (C)1990,JPO&Japio